

REMARKS

These remarks and the accompanying amendments are responsive to the Office Action made final and mailed October 19, 2006. Claims 1-6 were pending at the time of the last examination, of which Claims 1, 3 and 5 are independent. By this response, all of the claims are amended, and Claims 1, 3 and 5 remain the only independent claims.

Each of the independent Claims 1, 3 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over United States patent number 6,505,042 B1 issued to Hafiz (the patent also hereinafter referred to as "Hafiz"), in view of United States patent number 6,625,134 B1 issued to Ji et al. (the patent also hereinafter referred to as "Ji"), and further in view of United States patent number 6,044,069 issued to Wan (the patent also hereinafter referred to as "Wan"). The dependent claims 2, 4 and 6 are rejected under 35 U.S.C. 103(a) under these same references and further in view of United States patent number 6,628,631 B1 issued to Mazawa, et al. (the patent hereinafter also referred to as "Mazawa"). The applicants respectfully request reconsideration of these rejections.

Hafiz discloses receiving a plurality of paging signals transmitted from a plurality of base stations.

Ji et al. teaches that paging channel and pilot channel can be combined into one channel.

Wan teaches that a mobile switching center transmits the paging group number and the short paging group number to a mobile station.

However, the recitations of Claim 1 differ from Hafiz in that a mobile station receives a paging signal transmitted from a base station and receives perch channels from a plurality of base stations in order to carry out measurement of the receiving quality. This feature is identified by the phrase "carrying out, in the mobile station, measurement of receiving quality of the

plurality of perch channels in synchronization with timing of receiving the paging signal transmitted from one of the plurality of base stations to a mobile station group which includes the mobile station" in Claim 1. Claims 3 and 5 have similar recitations.

Not all base stations from which a mobile station can receive perch channels transmit paging signals designating the mobile station. Because a user station of Hafiz does not receive a paging signal from a base station which does not transmit the paging signal designating the user station, candidates of the base station to be selected is restricted in a small number.

In contrast, the mobile station as recited in Claims 1, 3 and 5 may perform measurement of the receiving quality by receiving perch channels from all peripheral base stations with timing of receiving paging signal designating the mobile station group. The mobile station can receive even perch channels from the base station which does not transmit paging signal designating the mobile station. It carries out measurement of the receiving quality of all received perch channels. Therefore, the number of the candidates of the cell is not restricted unlike Hafiz and it is possible to perform precise cell selection.

Furthermore, if the user station of Hafiz receives paging signals of its group, it would process only a paging signal designating itself (please note that the user station responds only to paging signal from the base station which transmitted the paging signal) . Therefore, even though the user station receives paging signal of its group, not all timing of receiving the paging signals would be used to measure the receiving quality. For example, the user station may ignore the timing of receiving the paging signal designating another user station in the same group.

For at least these reasons, one of ordinary skill in the art would not contemplate the invention recited in Claims 1, 3 and 5 based on Hafiz, even when considering Ji et al. and Wan.

Mazawa also does not teach this feature. Accordingly, Claims 2, 4 and 6 are also patentable over the cited art.

Therefore, favorable action is respectfully requested. In the event that the Examiner finds remaining impediment to a prompt allowance of this application that may be clarified through a telephone interview, the Examiner is requested to contact the undersigned attorney.

Dated this 17th day of January, 2007.

Respectfully submitted,

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